

CLAIMS

Sub B1  
5 1. A dosage form useful in ophthalmic treatment comprising a jet or stream of droplets of treatment fluid, each droplet having an ophthalmologically active compound in suspension or solution.

2. A dosage form according to Claim 1 wherein the jet or each droplet has the active compound in aqueous suspension or solution.

Sub a1  
10 3. A dosage form according to Claim 1 or Claim 2 wherein the jet or each droplet is of a size sufficient to sustain its momentum in transmission from a delivery device to a target site.

Sub B2  
5 4. A dosage form according to Claim 3 wherein the jet or each droplet is of a size sufficient to sustain momentum along a substantially horizontal path 5 cms in length from a discharge velocity of up to 25 m/sec from the delivery device.

Sub a2  
20 5. A dosage form according to any preceding Claim wherein the jet or each droplet has a diameter in the range 100 to 800  $\mu\text{m}$ .

6. A dosage form according to Claim 5 wherein the jet or each droplet has a diameter in the range 200 to 400  $\mu\text{m}$ .

Sub a3  
25 7. A dosage form according to any preceding Claim in which the total volume of treatment fluid does not exceed 10  $\mu\text{l}$ .

8. A dosage form according to Claim 7 in which the total volume of treatment fluid is in the range 3 to 8  $\mu\text{l}$ .

Sub a4  
30 9. A method of ophthalmic treatment comprising delivering to an eye a dosage form according to any preceding Claim.

10. A method according to Claim 9 wherein the eye is a human eye.

Sub a5  
35 11. A method according to Claim 9 or Claim 10 wherein the dosage form is directed at a particular site in the eye.

Sub B3  
12. A method of increasing the ocular

bioavailability of ophthalmologically active compound, wherein the compound is provided in suspension or solution in a body of ophthalmic treatment liquid in a dosage form comprising the liquid as a jet and/or stream of droplets, the jet and/or droplets having a mean diameter in the range 20  $\mu\text{m}$  to 1000  $\mu\text{m}$ .

Sub a6  
13. A method according to Claim 12 wherein the mean diameter of the jet and/or droplets is in the range 100  $\mu\text{m}$  to 800  $\mu\text{m}$ , preferably 200  $\mu\text{m}$  to 400  $\mu\text{m}$ .

14. A method according to Claim 12 or Claim 13 wherein the total volume of treatment liquid in the dosage form does not exceed 10  $\mu\text{l}$ .

15. A method according to Claim 14 wherein the total volume of treatment liquid in the dosage form is in the range 3  $\mu\text{l}$  to 8  $\mu\text{l}$ .

Add a7

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